CLAIM AMENDMENTS

1. (Currently amended) A sensing wheel ~~(5)~~ for a device ~~(3)~~ for measuring the rotational angle of a crankshaft ~~(2)~~ of an internal combustion engine ~~(1), having~~ comprising:

a plurality of peripherally arranged ~~teeth (7), which~~ teeth, each ~~have~~ having a front edge ~~(9)~~ and a rear edge ~~(10)~~, which define ~~the~~ a width of the respective tooth ~~(7)~~, and

~~having~~ tooth gaps ~~(8)~~ situated between the ~~teeth (7), the~~ teeth, respective front edges ~~(9)~~ or rear edges ~~(10)~~ of the teeth ~~(7)~~ being spaced at basically the same angular interval from one another, ~~and~~ said teeth having a limited number of different tooth widths ~~being~~ provided over ~~the~~ an entire periphery of the sensing wheel,

~~characterized in that the~~ wherein a sequence of the tooth widths of at least three successive teeth ~~(7)~~ within a rotational angle of up to 18° over the entire periphery is unambiguous.

2. (Currently amended) The sensing wheel as claimed in claim 1, ~~characterized in that~~ wherein the limited number of different tooth widths is four different tooth widths ~~are~~ provided over the entire periphery of the sensing wheel.

3. (Currently amended) The sensing wheel as claimed in claim 1 ~~characterized in that the~~ wherein a width of each tooth ~~(7) together with the~~

and a width of a succeeding or preceding tooth gap ~~(8) is~~ extend over approximately 6°.

4. (New) The sensing wheel as claimed in claim 2 wherein a width of each tooth and a width of a succeeding or preceding tooth gap extend over approximately 6°.